

Arboviral Surveillance Report

August 4th, 2020

Surveillance

This report provides data on Week 31 of surveillance for West Nile virus (WNV) in mosquitoes and includes data on other surveillance indicators. Gravid and BG Sentinel traps are placed throughout the City of Chicago and monitored twice a week for the duration of the mosquito-breeding season. For this reporting period, there were thirteen (13) WNV positive mosquito pools from eleven (11) traps within the City.

Mosquitoes (data from 82 traps)

Week 31 (7/27/20 – 8/2/20)	
Total Collections (Number of Traps X Frequency of Collection)	156
Number of Female <i>Culex</i> Trapped and Tested	2476
Number of Pools Tested	136
Number of Pools Positive	13
Number of Community Areas with Positive Mosquito Pools	11
Cumulative Totals	
Total Collections (Number of Traps X Frequency of Collection)	1225
Number of Female <i>Culex</i> Trapped and Tested	10,354
Number of Pools Tested	939
Number of Pools Positive	18
Number of Community Areas with Positive Mosquito Pools	13

Community Areas with Positive Mosquito Pools (cumulative):

East Garfield Park, O'Hare, Dunning, Riverdale, Austin, South Lawndale, Archer Heights, Garfield Ridge, Englewood, New City, Greater Grand Crossing, Chatham and South Deering.

Dead Birds: 1

***Aedes albopictus* (cumulative):** 229 females and 72 males

Humans: 0

Risk Assessment

The risk of human West Nile virus infection in the City of Chicago is moderate.

Larval and Adult Mosquito Control Efforts

Surveillance crews are monitoring catch basins throughout the City to assess the level of control. Currently, there are no plans to perform additional larvicide applications or truck-based ULV adulticide applications within the City.